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CIB-1632A (CIB-1635)

09/918,395

RONALD P. READE ET AL.

JULY 30, 2001

Group Art Unit

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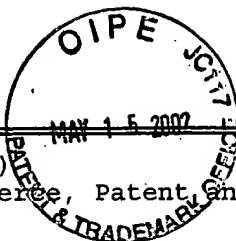
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)
U.S. Department of Commerce, Patent and Trademark OfficeDocket No.
CIB-1632ASerial No.
09/918,395

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Applicant

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Filing Date

July 30, 2001

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Unknown

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	AC	5,650,378	7/22/97	Iijima et al.	505	473	8/3/95
	AD	5,432,151	7/11/95	Russo et al.	505	474	7/12/93
	AE	5,262,394	11/16/93	Wu et al.	505	1	12/27/91
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	AM	01/08170	07/2000	WIPO				
	AN	01/08231	07/2000	WIPO				
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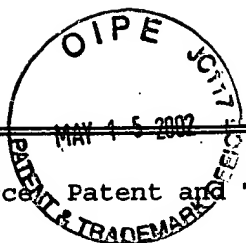
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AS	Bradley, Mark R., et al., "Theory of Thin-Film Orientation by Ion Bombardment during Deposition", <u>J. Appl. Phys.</u> 60 (12), 15 December 1986, pp. 4160-4164.
AT	Dimos, D., et al., "Superconducting Transport Properties of Grain Boundaries in YBa ₂ Cu ₃ O ₇ Bicrystals", <u>Physical Review B</u> , Vol. 41, No. 7, March 1, 1990, pp. 4038-4049.

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BS	Fork, D.K., et al., "High Critical Currents in Strained Epitaxial YBa ₂ Cu ₃ O _{7-x} on Si", <u>Appl. Phys. Lett.</u> 57 (11), 10 September 1990, pp. 1161-1163.
BT	Garrison, S.M., et al., "Observation of Two In-Plane Epitaxial States in YBa ₂ Cu ₃ O _{7-x} Films on Yttria-Stabilized ZrO ₂ ", <u>Appl. Phys. Lett.</u> 58 (19), 13 May 1991, pp. 2168-2170.

Examiner *Rodney McDonald* Date Considered 7/30/03

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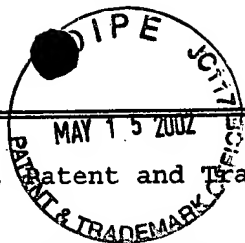
CR	Iijima, Y., et al., "Biaxially Aligned YSZ Buffer Layer on Polycrystalline Substrates", paper prepared for Proceedings of the Fourth International Symposium on Superconductivity, Tokyo, Japan, October 14-17, 1991, pp. 1-4.
CS	Iijima, Y., et al., "In-Plane Aligned YBa ₂ Cu ₃ O _{7-x} Thin Films Deposited on Polycrystalline Metallic Substrates", <u>Appl. Phys. Lett.</u> 60 (6), 10 February 1992, pp. 769-771.
CT	Jia, Q.X., et al., "Sputter Deposition of YBa ₂ Cu ₃ O _{7-x} Films on Si at 500°C with Conducting Metallic Oxide as a Buffer Layer" <u>Appl. Phys. Lett.</u> 57 (3), 16 July 1990, pp. 304-306.

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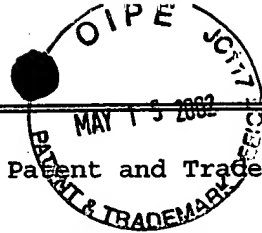
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DS	Lioutas, Ch.B., et al., "Phase Transformation of Hydrogen Free Amorphous Carbon Films under Ion Beam Bombardment", <u>Carbon</u> , Vol. 36, No. 5-6, 1998, pp. 545-548.
DT	Mizutani, T., "Compositional and Structural Modifications of Amorphous SiO_2 by Low-Energy Ion and Neutral Beam Irradiation", <u>Journal of Non-Crystalline Solids</u> 181, 1995, pp. 123-134.

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ER	Narumi, E., et al., "Critical Current Density Enhancement in $\text{YBaCu}_3\text{O}_{6.8}$ Films on Buffered Metallic Substrates", <u>Appl. Phys. Lett.</u> 58 (11), 18 March 1991, pp. 1202-1204.
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ET	Pangal, K. et al., "Integration of Amorphous and Polycrystalline Silicon Thin-Film Transistors Through Selective Crystallization of Amorphous Silicon", <u>Appl. Phys. Lett.</u> 75 (14), 4 October 1999, pp. 2091-2093.

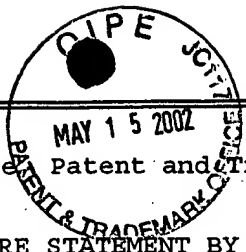
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FR	Reade, R.P., et al., "Characterization of Y-Ba-Cu-O Thin Films and Yttria-Stabilized Zirconia Intermediate Layers on Metal Alloys Grown by Pulsed Laser Deposition, <u>Appl. Phys. Lett.</u> 59 (6), 5 August 1991, pp. 739-741.
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FT	Russo, R.E., et al., "Fabrication and Characterization of Y-Ba-Cu-O Thin-Films on Stainless-Steel Substrates", submitted by authors for publication in <u>High Temperature Superconducting Compounds II</u> , edited by S.H. Whang (Minerals, Metals, and Materials Society, Warrendale), 1990, pp. 1-6.

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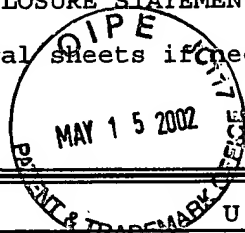
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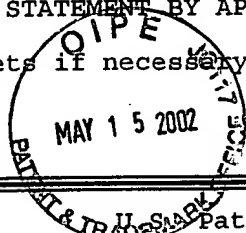
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AS	Wang, C.P. et al., "Deposition of In-Plane Textured MgO on Amorphous Si ₃ N ₄ Substrates by Ion-Beam-Assisted Deposition and Comparisons with Ion-Beam-Assisted Deposited Yttria-Stabilized-Zirconia", <u>Appl. Phys. Lett.</u> 71 (20), 17 November 1997, pp. 2955-2957.
AT	Wiesmann, J., et al., "Large-Area Deposition of Biaxially Textured YSZ Buffer Layers Using an IBAD-Process", <u>Nucl. Instr. and Meth. in Phys. Res. B</u> 120, 1996, pp. 290-292.

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